**What’s in my food?**

**Leading Question:**

Genetically modified microorganisms are used in many biotechnological applications that benefit humans, in areas such as food production. Should we be producing and eating genetically modified food and should suppliers be required to label foods that have been modified using microorganisms, so that consumers can make more informed decisions about the food they eat? Why or why not?

**What do we need to know:**

* How is bacteria used to modify foods? What is a genetically modified microorganism?
* What foods do we eat that are “modified?”
* What other factors come into play? (human health, environment, economics, politics, technology)
* How is the food industry regulated?
* How is the food that we buy at the grocery store regulated/labelled?

**Part 1: Read the following article**:

* I will print it for you.
* Highlight (main argument, claims, evidence, results, conclusions, recommendations) with different colours.
* Complete the “Issue Analysis Framework” handout with respect to the article.

Food Crisis in Zambia

**President Mwanawasa of** [**Zambia**](http://www.pbs.org/newshour/extra/features/july-dec02/zambia.html) **has refused international food aid even though many in his country are starving.**

<http://www.pbs.org/newshour/extra/features/july-dec02/zambia.html>

**Part 2: CHOOSE one of the following genetically modified foods:**

1. Answer the questions on PART 2 of your project handout.
2. Use your answers from part A to create a pamphlet, poster, power point, etc. to present your findings to the class. Your product should include information regarding your opinion on the issue, evidence to support your argument and recommendations for farmers, supermarkets and consumers as to the best course of action.

**Genetically Modified Foods**

Sweet Corn

Golden Rice

Tomatoes